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GROUND WATER QUALITY BUREAU
DISCHARGE PERMIT
Issued under 20.6.2 NMAC

Facility Name:	Yucca Heights Chaparral Elementary School
Discharge Permit Number:	DP-1832
Facility Location:	580 Angelina Blvd Chaparral, NM
County:	Otero
Permittee:	Jessica Herrera, Director of Physical Plant
Mailing Address:	Gadsden Independent School District P.O. Box Drawer 70 Anthony, NM 88021
Facility Contact:	Jessica Herrera
Telephone Number/Email:	(575) 882-6901/jsherrera@gisd.k12.nm.us
Permitting Action:	Renewal
Permit Issuance Date:	DATE
Permit Expiration Date:	DATE
NMED Permit Contact:	Gerald Knutson
Telephone Number/Email:	(505) 660-7189/gerald.knutson@state.nm.us

MICHELLE HUNTER
Chief, Ground Water Quality Bureau
New Mexico Environment Department

Date

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ATTACHMENTS

I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit renewal (Discharge Permit or DP-1832) to the Gadsden Independent School District (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from the Yucca Heights Chaparral Elementary School (Facility) in order to protect groundwater and those segments of surface water gaining from groundwater inflow for present and potential future use as domestic and agricultural water supply and other uses, and to protect public health. It is NMED's determination in issuing this Discharge Permit that the Permittee has met the requirements of Subsection C of 20.6.2.3109 NMAC. The Permittee is responsible for complying with the terms and conditions of this Discharge Permit pursuant to Section 20.6.2.3104 NMAC; failure to do so may result in enforcement action by NMED (20.6.2.1220 NMAC).

Described below are the activities that produce the discharge, the location of the discharge, and the quantity and flow characteristics.

A package plant wastewater treatment system receives and treats domestic wastewater at a volume of up to 12,000 gallons per day (gpd). Treated wastewater discharges to two disposal systems, a 0.64-acre subsurface irrigation system located under the multi-purpose sod playfield or to a 0.15-acre leachfield.

The discharge may contain water contaminants or toxic pollutants elevated above the standards of Section 20.6.2.3103 NMAC and is not subject to the exemption at Subsection 20.6.2.3105.A NMAC.

The Facility is located at 580 Angelina Boulevard, in Chaparral, in Section 21, Township 26S, Range 06E, in Otero County. A discharge at the Facility is most likely to affect groundwater at a depth of approximately 350 feet and having a total dissolved solids (TDS) concentration of approximately 400 milligrams per liter.

NMED issued the original Discharge Permit to the Permittee on October 30, 2015. The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by the Permittee dated March 12, 2020 and materials contained in the administrative record prior to issuance of this Discharge Permit.

The Permittee shall manage the discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a modification of the Discharge Permit in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge Permit may result from a determination by the department that structural controls and/or management practices approved under this Discharge Permit are insufficiently protective of groundwater quality and need to be more stringent to protect groundwater quality and human health. NMED reserves the right to require the Permittee implement abatement of water pollution and remediate groundwater quality.

NMED's issuance of this Discharge Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

This Discharge Permit may use the following acronyms and abbreviations.

Abbreviation	Explanation		Abbreviation	Explanation
CFR	Code of Federal Regulations		NMSA	New Mexico Statutes Annotated
Cl	chloride		NO_3-N	nitrate-nitrogen
EPA	United States Environmental Protection Agency		QA/QC	Quality Assurance/Quality Control
gpd	gallons per day		TDS	total dissolved solids
LAA	land application area		TKN	total Kjeldahl nitrogen
LADS	Land Application Data Sheet(s)		total nitrogen	= TKN + NO_3-N
mg/L	milligrams per liter		WQA	New Mexico Water Quality Act
NMAC	New Mexico Administrative Code		WQCC	Water Quality Control Commission
NMED	New Mexico Environment Department		WWTF	Wastewater Treatment Facility

II. FINDINGS

In issuing this Discharge Permit, NMED finds the following.

1. The Permittee is discharging effluent or leachate from the Facility so that such effluent or leachate may move into groundwater of the State of New Mexico that has an existing concentration of 10,000 mg/L or less of TDS, within the meaning of Subsection A of 20.6.2.3101 NMAC, without exceeding standards of 20.6.2.3103 NMAC for any water contaminant.

2. The Discharge Permit allows the Permittee to discharge effluent or leachate from the Facility directly or indirectly into groundwater pursuant to this Discharge Permit and

Section 20.6.2.3104 NMAC.

3. The discharge from the Facility is not subject to any of the exemptions of Section 20.6.2.3105 NMAC.

III. AUTHORIZATION TO DISCHARGE

The Permittee is responsible for ensuring that discharges authorized by this Discharge Permit are consistent with the terms and conditions herein pursuant to 20.6.2.3104 NMAC.

This Discharge Permit authorizes the Permittee to receive and treat up to 12,000 gpd of domestic wastewater using a package treatment plant. The package plant consists of a dual compartment 18,000-gallon septic tank followed by a 12,000-gallon recirculation tank. The recirculation tank doses the treated wastewater to a recirculating sand filter that discharges the wastewater to either the initial septic tank for denitrification or to a lift station for disposal. This Discharge Permit authorizes the Permittee to discharge the treated wastewater for disposal to a 0.64-acre subsurface irrigation system located under the multi-purpose sod playfield or to a 0.15-acre leachfield. The irrigation system and the leachfield are each divided into two disposal zones.

[20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection D of 20.6.2.3109 NMAC]

IV. CONDITIONS

NMED issues this Discharge Permit for the discharge of water contaminants subject to the following conditions.

A. OPERATIONAL PLAN

#	Terms and Conditions
1.	The Permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 2 and 4 NMAC. [Subsection C of 20.6.2.3109 NMAC]
2.	The Permittee shall operate in a manner that does not violate standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operational Actions with Implementation Deadlines

#	Terms and Conditions
3.	Within 120 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall submit to NMED a schematic of the grease interceptor, which accommodates the wastewater discharged from the cafeteria to the treatment system. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operating Conditions

#	Terms and Conditions
4.	The Permittee shall ensure that treated wastewater discharged from the disposal lift station does not exceed the following discharge limit. **Total Nitrogen: 30 mg/L** [Subsection C of 20.6.2.3109 NMAC]
5.	The Permittee shall discharge treated wastewater to the subsurface irrigation system and to the leachfield such that the amount of total nitrogen discharged does not exceed 200 pounds per acre in any 12-month period in either disposal area. The Permittee shall not adjust nitrogen content to account for volatilization or mineralization processes. The Permittee shall distribute wastewater evenly throughout each disposal area. [Subsection C of 20.6.2.3109 NMAC]
6.	The Permittee shall institute a backflow prevention method to protect wells and the public water supply system from contamination by treated wastewater prior to discharging to the subsurface irrigation system. Backflow prevention shall be achieved by a total disconnect (physical air gap separation between the discharge pipe and the liquid surface at least twice the diameter of the discharge pipe), or by a reduced pressure principal backflow prevention assembly (RP) installed on the line between the fresh water supply wells or public water supply and the reclaimed domestic wastewater delivery system. The Permittee shall maintain backflow prevention at all times. The Permittee shall have RP devices inspected and tested by a certified backflow prevention assembly tester at the time of installation, repair or relocation and at least on an annual basis thereafter. The backflow prevention assembly tester shall have successfully completed a 40-hour backflow prevention course based on the University of Southern California's Backflow Prevention Standards and Test Procedures, and obtained

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	certification demonstrating completion. The Permittee shall have all malfunctioning RP devices repaired or replaced within 30 days of discovery. Supply lines associated with the RP device shall cease being used until repair or replacement has been completed. The Permittee shall maintain copies of the inspection and maintenance records and test results for each RP device associated with the backflow prevention program at a location available for inspection by NMED. [Subsection C of 20.6.2.3109 NMAC]
7.	The Permittee shall maintain fences around the package treatment plant to restrict access by students, the general public, and animals. The fences shall consist of a minimum of six-foot chain link or field fencing and locking gates. The Permittee shall maintain the fences to serve the stated purpose throughout the term of this Discharge Permit. [Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]
8.	The Permittee shall install and maintain signs indicating that the wastewater at the Facility is not potable. The Permittee shall post signs at the package treatment plant entrance and other areas where there is potential for public contact with wastewater. The Permittee shall print the signs in English and Spanish and shall ensure the signs remain visible and legible for the term of this Discharge Permit. [Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]
9.	The Permittee shall visually inspect the areas above the subsurface irrigation system and leachfield (disposal systems) semi-annually to ensure proper maintenance. The Permittee shall correct any conditions that indicate damage to the disposal system(s). The Permittee shall ensure conditions corrected include erosion damage, animal activity/damage, woody shrubs (in the area above the leachfield), evidence of seepage, or any other condition indicating damage. The Permittee shall keep a log of the disposal system inspections that includes a date of the inspection, any findings and repairs, and the name of the inspector. The Permittee shall make the log available to NMED upon request. In the event of a failure of the disposal system(s), the Permittee shall implement the Contingency Plan set forth in this Discharge Permit. [Subsections A and D of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

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10.	The Permittee shall properly manage all waste solids generated by the treatment system to maintain effective operation of the system by removing solids as necessary and in accordance with associated equipment manufacturer's specifications. The Permittee shall contain, transport, and dispose of all solids removed from the treatment process in accordance with all local, state, and federal regulations. The Permittee shall maintain manifests for all waste solids transported from the treatment system for off-site disposal. The manifests shall identify the name of the hauler, the date of off-site shipment, the volume of solids removed, the disposal method, and the disposal location. [Subsection A of 20.6.2.3107 NMAC, Subsection C –f 20.6.2.3109 NMAC]
11.	The Permittee shall inspect the grease interceptor, located at the Facility's cafeteria, on a monthly basis and remove accumulated grease and settled solids as needed to prevent them from exiting the unit and fouling the treatment system. The Permittee shall create and maintain a log of all grease interceptor inspections which includes the date of the inspection, describes all findings, repairs, removals, and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request. The Permittee shall maintain a record of grease/solids removal and disposal, including date, volume of grease/solids removed, disposal method, and disposal location. The Permittee shall make the record available to NMED upon request. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
12.	The Permittee shall inspect and clean the disposal lift station as needed to prevent pump failure. The Permittee shall maintain a record of lift station inspections, repairs, and cleanings. The Permittee shall make the record available to NMED upon request. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

B. MONITORING AND REPORTING

#	Terms and Conditions
13.	The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
14.	METHODOLOGY - Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC. [Subsection B of 20.6.2.3107 NMAC]
15.	Semi-annual monitoring - The Permittee shall perform monitoring and other Permit required actions during the following periods and shall submit semi-annual reports to NMED by the following due dates: • January 1st through June 30th – **due by August 1st; and** • July 1st through December 31st – **due by February 1st.** [Subsection A of 20.6.2.3107 NMAC]

Facility Monitoring Conditions

#	Terms and Conditions
16.	The Permittee shall on a monthly basis measure the volume of treated wastewater discharged from the treatment system to the subsurface irrigation disposal system during the period. To determine the discharge volume, the Permittee shall obtain readings from the totalizing flow meter located on the transfer line between the disposal lift station and the subsurface irrigation system on a monthly basis and calculate the monthly and average daily discharge volume. The Permittee shall use the monthly volume discharged on the Land Application Data Sheet (LADS - copy enclosed) to calculate nitrogen loading. The Permittee shall submit the monthly meter readings, calculated monthly discharge volumes, and average daily discharge volumes to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]

#	Terms and Conditions
17.	The Permittee shall on a monthly basis measure the volume of treated wastewater discharged from the treatment system to the leachfield disposal system during the period. To determine the discharge volume, the Permittee shall obtain readings from the totalizing flow meter located on the transfer line between the disposal lift station wet well and the leachfield on a monthly basis and calculate the monthly and average daily discharge volume. The Permittee shall use the monthly volume discharged on the LADS to calculate nitrogen loading. The Permittee shall submit the monthly meter readings, calculated monthly discharge volumes, and average daily discharge volumes to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
18.	The two totalizing flow meters shall be capable of having their accuracy verified under working (i.e., real-time in-the-field) conditions. The Permittee shall develop a field verification method for each flow meter and shall utilize that method to check the accuracy of each respective meter. The Permittee shall perform field calibrations upon repair or replacement of a flow measurement device and, at a minimum, on an annual basis. The Permittee shall ensure each flow meter is calibrated to its manufacturer's recommended specification which shall be no less accurate than plus or minus 10 percent of actual flow, as measured under field conditions. An individual knowledgeable in flow measurement shall perform field calibration and the installation/operation of the device in use. The Permittee shall prepare a flow meter calibration report for each flow measurement device calibration event. The flow meter calibration report shall include the following information. a) The location and meter identification. b) The method of flow meter field calibration employed. c) The measured accuracy of each flow meter prior to adjustment indicating the positive or negative offset as a percentage of actual flow as determined by an in-field calibration check. d) The measured accuracy of each flow meter following adjustment, if necessary, indicating the positive or negative offset as a percentage of actual flow of the meter. e) Any flow meter repairs made during the previous year or during field calibration. f) The name of the individual performing the calibration and the date of the calibration.

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	The Permittee shall maintain records of flow meter calibration(s) at a location accessible for review by NMED during Facility inspections. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
19.	The Permittee shall visually inspect the two totalizing flow meters on a monthly basis for evidence of malfunction. The Permittee shall maintain a log of the inspections that includes a date of the inspection, findings and repairs, and the name of the inspector. The Permittee shall make the log available to NMED upon request. If a visual inspection indicates a flow meter is not functioning as required by this Discharge Permit, the Permittee shall repair or replace the meter within 30 days of discovery. For *repaired* meters, the Permittee shall submit a report to NMED with the next monitoring report following the repair that includes a description of the malfunction; a statement verifying the repair; and a flow meter field calibration report completed in accordance with the requirements of this Discharge Permit. For *replacement* meters, the Permittee shall submit a report to NMED with the next monitoring report following the replacement that includes a design schematic for the device and a flow meter field calibration report completed in accordance with the requirements of this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
20.	The Permittee shall collect samples of treated wastewater from the disposal lift station wet well on a semi-annual basis and analyze the samples for: • Total Kjeldahl nitrogen (TKN); • nitrate-nitrogen (NO_3-N); • TDS; and • chloride (Cl). The Permittee shall ensure the samples are properly prepared, preserved, transported, and analyzed in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, to NMED in the subsequent semi-annual monitoring report. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
21.	The Permittee shall complete a LADS on a monthly basis that documents the amount of nitrogen applied to the 0.64-acre subsurface irrigation system during the most recent 12 months. The LADS shall reflect the total nitrogen concentration from the most recent

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	wastewater analysis and the measured discharge volumes to the subsurface irrigation system for each month. The Permittee shall complete the LADS with the information above or include a statement that the discharge of treated wastewater did not occur. The Permittee shall submit the LADS to NMED in the subsequent semi-annual monitoring report. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
22.	The Permittee shall complete a LADS on a monthly basis that documents the amount of nitrogen applied to the 0.15-acre leachfield during the most recent 12 months. The LADS shall reflect the total nitrogen concentration from the most recent wastewater analysis and the measured discharge volumes to the leachfield for each month. The Permittee shall complete the LADS with the information above or include a statement that the discharge of treated wastewater did not occur. The Permittee shall submit the LADS to NMED in the subsequent semi-annual monitoring report. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
23.	The Permittee shall keep a Fertilizer Log (copy enclosed) of all additional nitrogenous fertilizer applied to the multi-purpose sod playfield. The Log shall contain the date of fertilizer application, the type (organic or inorganic) and form (granular or liquid), nitrogen concentration (in percent), the amount of fertilizer applied (in pounds per acre), and the amount of nitrogen applied (in pounds per acre) for each location. The Permittee shall submit the log, or a statement that application of fertilizer did not occur, to NMED in the subsequent semi-annual monitoring report. [Subsection A of 20.6.2.3107 NMAC]
24.	The Permittee shall submit copies of the records of the disposal of waste solids generated by the treatment system, including the volume of solids removed and copies of all manifests for the calendar year, to NMED annually in the monitoring report due by August 1st each year. [Subsection A of 20.6.2.3107 NMAC]
25.	The Permittee shall submit copies of all records of grease removal and disposal to NMED in the monitoring report due by August 1st each year. [Subsection A of 20.6.2.3107 NMAC]

C. CONTINGENCY PLAN

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26.	In the event that groundwater below the Facility exceeds a groundwater protection standard identified in Section 20.6.2.3103 NMAC as a result of a discharge during the term of this Discharge Permit, upon closure of the Facility, or during the implementation of post-closure requirements, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum, contaminant source control measures and an implementation schedule. The Permittee shall implement the CAP as approved by NMED. The NMED may require the Permittee to abate groundwater pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108, and Section 20.6.2.4112 NMAC. [Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]
27.	In the event that analytical results of a treated wastewater sample indicate an exceedance of the total nitrogen discharge limit set in this Discharge Permit, the Permittee shall collect and submit for analysis a second sample within 48 hours of the receipt of the initial sampling results. In the event the second sample results indicate an exceedance of the discharge limit, the Permittee shall implement the following contingencies. a) Within 7 days of the second sample analysis date indicating exceedance of the discharge limit, the Permittee shall: i) notify NMED that the Permittee is implementing the Contingency Plan; and ii) submit a copy of the first and second analytical results indicating an exceedance to NMED. b) The Permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per month. c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures. d) The Permittee shall conduct a physical inspection of the treatment system to detect abnormalities. The Permittee shall correct any abnormalities discovered. The Permittee shall submit a report to NMED detailing the corrections within 30 days of correction. e) In the event that any analytical results from monthly wastewater sampling indicate an exceedance of the total nitrogen discharge limit, the Permittee shall submit a CAP to NMED for approval proposing to modify operational procedures and/or upgrade the treatment process to achieve the total nitrogen limit. The Permittee shall submit

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	the CAP including a schedule for completion of corrective actions and within 90 days of receipt of the analytical results of the second sample indicating that the discharge limit is continuing to be exceeded. The Permittee shall initiate implementation of the CAP following approval by NMED. When analytical results from three consecutive months of wastewater sampling do not exceed the discharge limit, the Permittee may request NMED authorize a return to a quarterly monitoring frequency. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
28.	In the event that the LADS(s) show that the amount of nitrogen in wastewater applied in any 12-month period exceeds 200 pounds per acre, the Permittee shall propose the reduction of nitrogen loading to the subsurface irrigation system and/or leachfield by submitting a CAP to NMED for approval. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall submit the CAP to NMED within 90 days following the end of the monitoring period in which the exceedance occurred. The Permittee shall implement the CAP following approval by NMED. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
29.	In the event that the Permittee identifies failure of the subsurface irrigation disposal system and/or the leachfield disposal system, e.g., surfacing wastewater, the Permittee shall implement the following Contingency Plan. a) Within 24 hours following the discovered failure, the Permittee shall: i) Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized discharges; and ii) Restrict public access to the area. b) The Permittee shall conduct a physical inspection of the treatment and disposal system to identify additional potential failures and record them in the inspection log. c) The Permittee shall propose actions to address the failure and methods of correction by submitting a CAP to NMED for approval within 15 days following the discovered failure. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following NMED approval. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
30.	In the event that a release occurs that is not authorized under this Discharge Permit (commonly known as a "spill"), the Permittee shall take measures to mitigate damage

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	from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below. Within 24 hours following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information. a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility. b) The name and address of the Facility. c) The date, time, location, and duration of the unauthorized discharge. d) The source and cause of unauthorized discharge. e) A description of the unauthorized discharge, including its estimated chemical composition. f) The estimated volume of the unauthorized discharge. g) Any actions taken to mitigate immediate damage from the unauthorized discharge. Within one week following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates. Within 15 days following discovery of the unauthorized discharge, the Permittee shall submit a CAP to NMED describing any corrective actions previously taken and corrective actions to be taken relative to the unauthorized discharge. The CAP shall include the following information. a) A description of proposed actions to mitigate damage from the unauthorized discharge. b) A description of proposed actions to prevent future unauthorized discharges of this nature. c) A schedule for completion of proposed actions. In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC. The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC. [20.6.2.1203 NMAC]

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31.	In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a CAP and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC. [Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]

D. CLOSURE PLAN

Permanent Facility Closure Conditions

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32.	The Permittee shall perform the following closure measures in the event the Facility, or a component of the Facility, is proposed to be permanently closed. Within 90 days of ceasing to discharge to the treatment system, the Permittee shall complete the following closure measures. a) Plug the line leading to the system so that a discharge can no longer occur. b) Drain wastewater in the system components and dispose of in accordance with all local, state, and federal regulations. c) Contain, transport, and dispose of solids removed from the treatment system in accordance with all local, state, and federal regulations, including 40 CFR Part 503. The Permittee shall maintain a record of all solids transported for off-site disposal. Within 180 days of ceasing to discharge to the treatment system (or unit), the Permittee shall complete the following closure measures. a) Remove all lines leading to and from the treatment system, or permanently plug and abandon them in place. b) Remove or demolish all treatment system components (with the exception of the subsurface irrigation system and leachfield), and re-grade the area with suitable fill to blend with surface topography, promote positive drainage, and prevent ponding. When the Permittee has met all closure and requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]

E. GENERAL TERMS AND CONDITIONS

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33.	RECORD KEEPING - The Permittee shall maintain a written record of the following: • Information and data used to complete the application for this Discharge Permit; • Information, data, and documents demonstrating completion of closure activities; • Any releases (commonly known as "spills") not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC; • The operation, maintenance, and repair of all facilities/equipment used to treat, store, or dispose of wastewater; • Facility record drawings (plans and specifications) showing the actual construction of the package plant wastewater treatment system and bear the seal and signature of a licensed New Mexico professional engineer; • Copies of logs, inspection reports, manifests, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit; • The volume of wastewater or other wastes discharged pursuant to this Discharge Permit; • Wastewater quality data collected pursuant to this Discharge Permit; • The maintenance, repair, replacement, or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and • Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including the following: o the dates, locations, and times of sampling or field measurements; o the name and job title of the individuals who performed each sample collection or field measurement; o the sample analysis date of each sample; o the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis; o the analytical technique or method used to analyze each sample or collect each field measurement; o the results of each analysis or field measurement, including raw data; o the results of any split, spiked, duplicate, or repeat sample; and o a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used. The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for the lifetime of the Discharge Permit. The Permittee shall make the record available to the department upon request. [Subsections A and D of 20.6.2.3107 NMAC]

#	Terms and Conditions
34.	SUBMITTALS - The Permittee shall submit a copy of all notification and reporting documents required by this Discharge Permit, e.g., monitoring reports. The Permittee shall submit the documents to the NMED Permit Contact identified on the Permit cover page. [Subsection A of 20.6.2.3107 NMAC]
35.	INSPECTION and ENTRY - The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may, upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located. The Permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring, during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations. No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state, or federal regulations. [Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]
36.	DUTY to PROVIDE INFORMATION - The Permittee shall, upon NMED's request, allow for NMED's inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records. [Subsection D of 20.6.2.3107 NMAC]
37.	MODIFICATIONS and/or AMENDMENTS - In the event the Permittee proposes a change to the Facility or the Facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated, or discharged by the Facility, the Permittee shall notify NMED prior to implementing such changes. The Permittee shall obtain NMED's approval (which may require modification of this Discharge Permit) prior to implementing such changes. [Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]

#	Terms and Conditions
38.	PLANS and SPECIFICATIONS - In the event the Permittee proposes to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the proposed system or process unit to NMED for approval prior to the commencement of construction. In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation. [Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
39.	CIVIL PENALTIES - Any violation of the requirements and conditions of this Discharge Permit, including any failure to allow NMED staff to enter and inspect records or facilities, or any refusal or failure to provide NMED with records or information, may subject the Permittee to a civil enforcement action. Pursuant to WQA 74-6-10(A) and (B), such action may include a compliance order requiring compliance immediately or in a specified time, assessing a civil penalty, modifying or terminating the Discharge Permit, or any combination of the foregoing; or an action in district court seeking injunctive relief, civil penalties, or both. Pursuant to WQA 74-6-10(C) and 74-6-10.1, civil penalties of up to $15,000 per day of noncompliance may be assessed for each violation of the WQA 74-6-5, the WQCC Regulations, or this Discharge Permit, and civil penalties of up to $10,000 per day of noncompliance may be assessed for each violation of any other provision of the WQA, or any regulation, standard, or order adopted pursuant to such other provision. In any action to enforce this Discharge Permit, the Permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Discharge Permit. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10 and 74-6-10.1]
40.	CRIMINAL PENALTIES - No person shall: • Make any false material statement, representation, certification, or omission of material fact in an application, record, report, plan, or other document filed, submitted, or maintained under the WQA; • Falsify, tamper with, or render inaccurate any monitoring device, method, or record maintained under the WQA; or • Fail to monitor, sample, or report as required by a permit issued pursuant to a state or federal law or regulation.

#	Terms and Conditions
	Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]
41.	COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits, or orders. [NMSA 1978, § 74-6-5.L]
42.	RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review. [20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]
43.	TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this Facility or any portion thereof, the Permittee shall: • Notify the proposed transferee in writing of the existence of this Discharge Permit; • Include a copy of this Discharge Permit with the notice; and • Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification. The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee. [20.6.2.3111 NMAC]

#	Terms and Conditions
44.	PERMIT FEES - The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single payment or they may pay the fee in equal installments on a yearly basis over the term of the Discharge Permit. The Permittee shall remit single payments to NMED no later than 30 days after the Discharge Permit issuance date. The Permittee shall remit initial installment payments to NMED no later than 30 days after the Discharge Permit issuance date; with subsequent installment payments remitted to NMED no later than the anniversary of the Discharge Permit issuance date. Permit fees are associated with issuance of this Discharge Permit. No person shall construe anything in this Discharge Permit as relieving the Permittee of the obligation to pay all permit fees assessed by NMED. A Permittee that ceases discharging or does not commence discharging from the Facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. NMED shall suspend or terminate an approved Discharge Permit if the Permittee fails to remit an installment payment by its due date. [Subsection F of 20.6.2.3114 NMAC, NMSA 1978, § 74-6-5.K]

New Mexico Environment Department Ground Water Quality Bureau

Discharge Permit Summary

Facility Information

Facility Name Yucca Heights Chaparral Elementary School
Discharge Permit Number DP-1832

Legally Responsible Party

Jessica Herrera, Director of Physical Plant
Gadsden Independent School District
P.O. Box Drawer 70
Anthony, NM 88021
(575) 882-6901

Treatment, Disposal and Site Information

Primary Waste Type Domestic
Facility Type Educational Institution

Treatment Methods

Type	Designation	Description & Comments
Wastewater Treatment System	School Package Treatment Plant	The treatment system consists of a dual compartment 18,000-gallon septic tank followed by a 12,000-gallon recirculation tank. The recirculation tank doses the treated wastewater to a recirculating sand filter with a 2,400 sq.-ft surface area. The treated wastewater from the sand filter discharges to either the initial septic tank for denitrification or to a disposal lift station.

Discharge Locations

Type	Designation	Description & Comments
Disposal Lift Station	DLS	Disposal lift station that receives treated wastewater from the School Package Treatment Plant and then pumps the treated wastewater to a subsurface irrigation system or the a leachfield for disposal.
Subsurface Irrigation	SSIS	A subsurface irrigation system with a surface area of 0.64 acres, with an irrigation line linear length of 14,000 ft, and located under the multi-purpose sod playfield. The system is divided into two disposal zones.
Leachfield	LF	A leachfield disposal system with a surface area of 0.15 acres and with 1,380 ft of infiltrators. The system is divided into two disposal zones.

Flow Metering Locations

Type	Designation	Description & Comments
Totalizing Flow Meter	SSIS Meter	Totalizing flow meter located on the transfer line between the disposal lift station and the subsurface irrigation system.
Totalizing Flow Meter	LF Meter	Totalizing flow meter located on the transfer line between the disposal lift station and the leachfield disposal system.

Depth-to-Ground Water	350 feet
Total Dissolved Solids (TDS)	400 mg/L

Permit Information

Original Permit Issued	October 30, 2015
Current Action	**Permit Renewal**
Application Received	March 12, 2020
Public Notice Published	[not yet published]
Permit Issued (Issuance Date)	[issuance date]
Permitted Discharge Volume	12,000 gallons per day

NMED Contact Information

Mailing Address	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
GWQB Telephone Number	(505) 827-2900
NMED Lead Staff	Gerald Knutson
Lead Staff Telephone Number	(505) 660-7189
Lead Staff Email	gerald.knutson@state.nm.us